**Deployment of java application using DOCKER**

Requirements:-

Install java using

sudo apt-get install openjdk-7-jdk

Create HelloDevops.java file using vi editor

Vi HelloDevops.java

public class HelloDevops{

public static void main(String[] args){

System.out.println("welcome to DEVOPS training");

}

}

Then run below commands to execute java file and check the output running java Hellodevops

javac HelloDevops.java

java HelloDevops

You will get output for java app

Now create Dockerfile

vi Dockerfile

FROM openjdk:8

COPY HelloDevops.java .

RUN javac HelloDevops.java

CMD ["java" , "HelloDevops"]

Build image using docker build

docker build -t javaapp:latest .

docker images –a

Run docker image to container using docker run and to get the output

docker run -it --name hellodevops javaapp

Now your java application is ready

